

BIBLIOGRAPHIC NOTES

Morris R. COHEN & Ernest NAGEL, *An Introduction to Logic* (second edition, edited and introduced by John Corcoran) (Indianapolis/Cambridge, Hackett Publishing Co., 1993). This textbook, last appearing in 1962, published by Harcourt, Brace, itself was an abridged version of Cohen & Nagel's classic *An Introduction to Logic and Scientific Method*, first published by Harcourt, Brace in 1934. Corcoran's "Editor's Preface" briefly discusses the background of this textbook and the influence which it has had on generations of students and teachers. Corcoran uses his "Editor's Introduction" to discuss his views on topics raised by the authors.

José FERRREIRÓS, *On the relations between Georg Cantor and Richard Dedekind*, *Historia Mathematica* 20 (1993), 343–363. Uses archival material and the Cantor-Dedekind correspondence to detail the history of the personal relations between Cantor and Dedekind and examine and evaluate the extent of the influence which they had on one another's work on set theory.

Patrick J. HURLEY, *A Concise Introduction to Logic* (Belmont, Calif., Wadsworth Publishing Co., 5th ed., 1994). Except for two or three minor turns of phrasing which do not alter the content or meaning, the "Note on the History of Logic" (pp. 6–8) in this new edition is identical to the corresponding "Note" in the third edition of this textbook (reviewed by Irving H. Anellis in *THIS JOURNAL* 3 (1993), 320–321).

Tadeusz KWAIATKOWSKI, *Jan Łukasiewicz — A historian of logic*, *Organon*, nos. 16/17 (1980/81), 169–188. An expository survey of Łukasiewicz's writings on the history of logic, centered around his major work, a critical analysis and historical exposition of Aristotle's principle of contradiction, and on his studies of Aristotelian syllogistic, including modal syllogisms, and of the logic of the Stoics.

Ming LI & Paul VITANYI, *An Introduction to Kolmogorov Complexity and Its Applications* (Berlin/Heidelberg/New York/Tokyo, Springer Verlag, 1993). "Kolmogorov complexity" is the formal theory of quantity of information in individual objects. Each of the eight chapters of this book concludes with a section on "History and References."